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> aigolink 300Mbps Wireless WiFi Repeater Instruction Manual

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1. INTRODUCTION

The aigolink 300Mbps Wireless WiFi Repeater is designed to extend your home network coverage, eliminating dead zones and improving connectivity. It supports speeds up to 300 Mbps, ideal for high-definition streaming, online gaming, and smart home devices. This compact device offers universal compatibility with most modem routers, allowing you to create a seamless mesh network with advanced WPA2 encryption for secure connections.

COPERTURA FINO A 1200 PIEDI QUADRATI

Video, musica e foto raggiungono ogni angolo di ogni stanza senza soluzione di continuità



Illustration of a two-story house demonstrating how the WiFi Repeater extends coverage, eliminating dead zones and providing a strong, high-speed signal throughout the home.

Your browser does not support the video tag.

This video provides a general overview of the aigolink WiFi Repeater and its functionality.

2. WHAT'S IN THE BOX

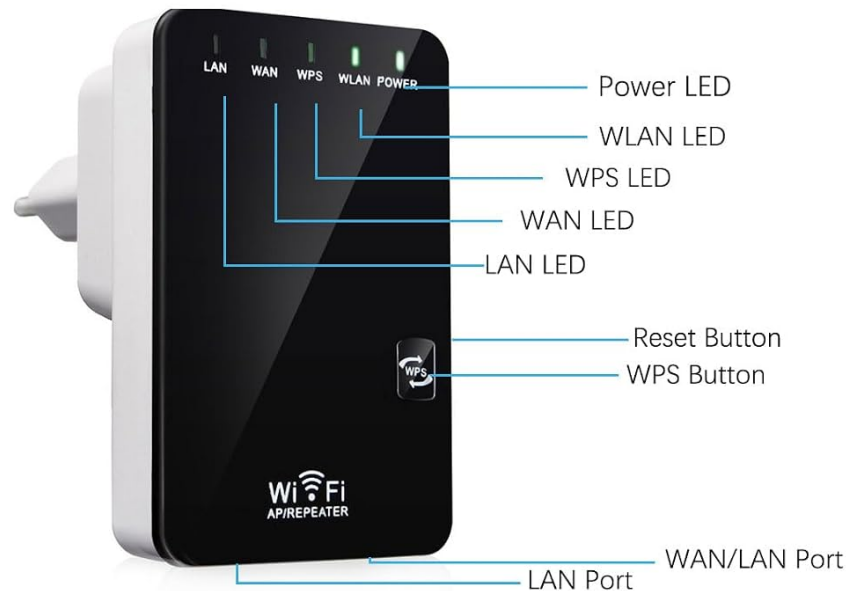
- 300Mbps WiFi Repeater
- Network Cable
- User Manual

3. PRODUCT OVERVIEW

The aigolink WiFi Repeater features a compact and modern design, integrating seamlessly into any environment. Its robust structure and internal antennas ensure optimal signal reception. The device includes two Ethernet ports, allowing you to connect wired devices for maximum speed and stability.

Design Portatile e Compact

Questo WiFi extender è di dimensioni compatte e si adatta a qualsiasi arredamento di casa



Detailed diagram of the WiFi Repeater, highlighting its compact size and labeling all LED indicators, buttons, and ports for easy identification.



The repeater features Fast Ethernet Ports for connecting wired devices like PCs, gaming consoles, or smart TVs, ensuring stable and high-speed connections.

4. SETUP

Configuration is simple and intuitive. You can set up the repeater in minutes using the WPS button or via the web interface.

4.1. WPS Button Setup

1. Plug the WiFi Repeater into a power outlet near your main router.
2. Press the WPS button on your original router.
3. Within 2 minutes, press the WPS button on the WiFi Repeater.
4. Wait 1-2 minutes for the devices to connect. The signal indicator LED on the repeater will turn solid, indicating a successful connection.

Installazione rapida tramite WPS



- 1** Premere il pulsante WPS sul router originale
- 2** Premere il pulsante WPS sul ripetitore WiFi
- 3** Attendere 1-2 minuti e il gioco è fatto

Visual guide for quick WPS setup, showing the WPS button on both the router and the repeater.

Your browser does not support the video tag.

This video provides a quick guide to setting up your aigolink WiFi Repeater, demonstrating the steps for wireless extension.

4.2. Web Interface Setup

1. Plug the WiFi Repeater into a power outlet.
2. Connect your computer or mobile device to the repeater's default Wi-Fi network (usually named 'Wireless-N' or similar, without a password).
3. Open a web browser and enter the default IP address (e.g., 192.168.10.1) or domain name (e.g., 'ap.setup') provided in the user manual.
4. Log in with the default username and password (usually 'admin' for both).
5. Follow the on-screen wizard to select Repeater Mode or Access Point Mode and configure your network settings, including selecting your main Wi-Fi network and entering its password.
6. Once configured, the repeater will restart. Reconnect your devices to the new extended Wi-Fi network.

5. OPERATING MODES

The aigolink WiFi Repeater supports multiple operating modes to suit your network needs.

5.1. Repeater Mode

In Repeater Mode, the device extends the wireless signal from your existing router to previously inaccessible or hard-to-reach areas, boosting your Wi-Fi coverage.

5.2. Access Point (AP) Mode

In Access Point Mode, the device transforms a wired internet connection into a stable Wi-Fi network, ideal for areas without wireless coverage or for creating a new Wi-Fi hotspot.

5.3. Router Mode

In Router Mode, the device can create an instant network and share wireless internet, functioning as a primary router for small networks.

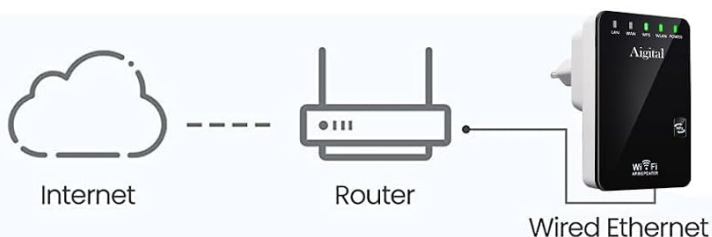
Modalità Ripetitore:

Incrementa il segnale wireless in aree prima inaccessibili o difficili da raggiungere



Modalità Access Point (AP):

Trasforma una connessione cablata in una rete Wi-Fi stabile



Modalità Router:

crea un istante di rete e condividere Internet wirele



Visual representation of Repeater Mode, Access Point Mode, and Router Mode, showing how the device integrates into different network setups.

6. MAINTENANCE

To ensure optimal performance and longevity of your WiFi Repeater, follow these maintenance guidelines:

- Keep the device in a well-ventilated area to prevent overheating.
- Avoid exposing it to extreme temperatures, direct sunlight, or high humidity.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Periodically check for firmware updates on the manufacturer's website for improved performance, security, and new features.

7. TROUBLESHOOTING

If you encounter issues with your aigolink WiFi Repeater, refer to the following common problems and solutions.

7.1. No Signal or Weak Signal

- **Placement:** Ensure the repeater is placed within the effective range of your main router.
- **Relocation:** Try relocating the repeater to a central location, halfway between your router and the desired coverage area.
- **Obstructions:** Check for physical obstructions like thick walls, large metal objects, or other electronic devices that might interfere with the signal.

7.2. Cannot Connect to Repeater

- **Password:** Verify you are using the correct Wi-Fi password for the extended network.
- **Restart:** Restart both your main router and the WiFi Repeater.
- **Reset:** If issues persist, try resetting the repeater to factory defaults (using the reset button) and reconfigure it.

7.3. Slow Speed

- **Distance:** Ensure the repeater is not too far from the main router.
- **Connected Devices:** Reduce the number of devices connected to the extended network if possible.
- **Interference:** Check for interference from other electronic devices operating on the 2.4 GHz band (e.g., microwaves, cordless phones).
- **Wired Connection:** For devices requiring higher bandwidth, consider using an Ethernet cable to connect them directly to the repeater's LAN port.

8. SPECIFICATIONS

Brand	aigolink
Wireless Communication Standard	802.11n
Data Transfer Rate	300 Mbps
Frequency Band Class	Single Band

Special Feature	Compact
Frequency	2.4 GHz
Compatible Devices	Devices with WLAN support and 802.11a/b/g/n standards
Range	40-50 meters
Smart Home Compatibility	Not smart home compatible
Ethernet Port Type	RJ45
Item Weight	89 Grams
Color	White

9. WARRANTY AND SUPPORT

This aigolink WiFi Repeater comes with a **2-year product warranty** from the date of purchase.

For technical support, warranty claims, or further assistance, please refer to the contact information provided in the original product packaging or visit the official aigolink website for the most up-to-date support resources.

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